

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.	JOB ORDER NUMBER	APPROX. FY
QSS Group, Inc.	NAS5- 99124 TASK NO. 128 AMENDMENT	565-288-11-01-89	FY00

TASK TITLE: (NTE 80 characters; include Project name)

NPP Electrical Systems Services

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)

Roger Stone <i>Roger Stone</i>	DATE 8/25/99	ORG CODE 565	MAIL CODE 421	PHONE 301-286-1313
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BRANCH HEAD Paul Bryant <i>Paul Bryant</i>	DATE 8/26/99	CODE 565	PHONE 301-286-7549
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CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR) <i>Robert Lebar</i>	DATE 8/27/99	CODE 560	PHONE 301-286-6588
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FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE?

(IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)

CONTRACTING OFFICER'S QUALITY REP.

☒ NO ☐ YES

Larry Moore

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications.

The contractor shall complete and submit the required Reqs and Certs.

(To be completed by Contracting Officer)

C.O. Requested Quote on:

Date: AUG 30 1999

Contractor will develop specification or statement of work under this task for a future procurement. ☒ NO ☐ YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. ☐ NO ☐ YES ☒ N/A

Government Furnished Property/Facilities: ☒ NO ☐ YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: ☐ NO ☒ YES If yes: ☒ TOTAL ☐ PARTIAL
If partial, indicate onsite work in SOW by asterisk (*)

Surveillance Plan Attached: ☒ NO ☐ YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be October 1, 1999.

INCENTIVE FEE STRUCTURE (check one)

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	<input checked="" type="checkbox"/> No. 1	No. 2	No. 3	No. 4	No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 134,259.

The target fee of this task order is \$ 8,727.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 142,986.

The maximum fee is \$ 12,755.

The minimum fee is \$0.

AUTHORIZED SIGNATURE:

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

Lorrie L. Eakin
SIGNATURE OF CONTRACTING OFFICER

10/14/99
DATE

Lorrie L. Eakin
Contracting Officer

TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE

DATE

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QSS Group, Inc.	NAS5- 99124	128	

Applicable paragraphs from contract Statement of Work: Function 2-Execution Phase Services

STATEMENT OF WORK: (Continue on blank paper if additional space is required)*(This is a follow-on to Task 20 under this contract. Task start date is 10/1/99.)*

The contractor shall perform specific electrical systems engineering activities including:

1. Conducting design and trade-off studies for NPP spacecraft electrical segments and ground segments.
2. Reviewing and analyzing electrical design interfaces for the spacecraft.
3. Reviewing and analyzing spacecraft to Ground Support Electrical Equipment interface requirements.
4. Monitoring external interface documentation and requirements.
5. Conducting and documenting internal electrical design reviews.
6. Reviewing technical specifications, test plans, test procedures and submitting comments and recommendations.
7. Attending technical design reviews and meetings, and submitting recommendations and comments.
8. Preparing and presenting of technical information and recommendations.
9. Analyzing configurations, designs, and procedural changes submitted to control boards.
10. Preparing detailed review of EMC Requirements. Work with Instrument scientist and designers to determine Instrument EMI susceptibilities. Tailor EMC requirements accordingly.
11. Reviewing electrical and communication plans and procedures for launch site checkout, integration and testing of flight systems and instruments.
12. Performing Magnetic Properties analyses of Instruments.
13. Performing and conducting tests of Instruments science data quality.

PERFORMANCE SPECIFICATIONS:

Reports shall contain subjects, references, attachments as necessary, background information, issues, technical analysis or reviews, conclusions, recommendations, and options as necessary. More extensive reports shall contain indexes, figures, and data necessary to make the report complete.

APPLICABLE DOCUMENTS:

NPP Spacecraft System Specification
NPP Electrical Accommodations Specification
NPP Interface Control Specification
NPP Electrical Ground Support Equipment Specification

TASK END DATE: 9/30/00**MILESTONES/DELIVERABLES AND DATES:**

REPORT: Status on Engineering Activities and Analysis -- Monthly
REPORT: Recommendations for NPP Electrical Spacecraft Interface Simulator - Dec. 30, 1999
REPORT: NRR Electrical Interface Specifications Recommendations--June 30, 2000

PERFORMANCE STANDARDS:

Schedule: On-time delivery of the above.
Technical: ATR's acceptance of the above.

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Roger Stone, building 16W, room N19